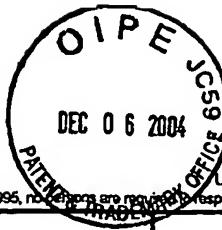




Sheet 1 of 1

<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>				ATTY DOCKET NO.		SERIAL NO.		
				56737 (70904)		10/004,564		
				APPLICANT(S): A. Takahashi et al.				
				FILING DATE: December 5, 2001		ART UNIT: 2652		
<b>UNITED STATES PATENT DOCUMENTS</b>								
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS	FILE DATE IF APPR
AC	AA	4,278,258	7/1981	Fujita et al.		—	—	RECEIVED
								MAR 01 2004
<b>FOREIGN PATENT DOCUMENTS</b>					Technology Center 2600			
		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO	
AC	BA	03-142767	06/1991	JAPAN	—	—	See Abstract in English	
AC	BB	07-320359	12/1995	JAPAN	—	—	See Abstract in English	
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>								
Examiner:	<i>Munawar</i>			Date:	<i>5/23/05</i>			



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/004,564-Conf. #7094
				Filing Date	December 5, 2001
				First Named Inventor	Akira Takahashi
				Art Unit	2652
				Examiner Name	A. T. Cao
Sheet	1	of	1	Attorney Docket Number	56737(70904)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
					T <sup>4</sup>

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AC	BA	JP-2000-082236	03/2000		✓
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	BC	WO 98/14941	04/1998		✓
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✓	BH	JP-04-067486	03/1992		✓
AC	BI	JP-59-60735	04/1984		—

Class  
Subclass

no English

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials**	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature 469132	M. Cao	Date Considered	5/23/05
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